

Antibiotic P 2563-II

See *D*-Glucitol, 3-*O*-(4-(acetylamino)-4-deoxy- α -*D*-glucopyranosyl)-1,4-diamino-1,4-dideoxy- (60502-99-0)

Antibiotic P 2563-III

See *D*-Glucitol, 1,4-diamino-3-*O*-(4-amino-4-deoxy- α -*D*-glucopyranosyl)-1,4-dideoxy- (60502-98-9)

Antibiotic PO 357

See *Sporamycin* [61642-43-1]

Antibiotic P 2563P

See *D*-Glucitol, 1,4-diamino-1,4-dideoxy-3-*O*-(4-deoxy-4-((1-oxopropylamino)thio)- α -*D*-glucopyranosyl)- (60534-70-5)

Antibiotic PR 1350

See 1-Naphthalenecarboxaldehyde, 5,5'-[[[(2*S*,2'*R*,2''*S*,6'*R*)-tetrahydro-3,7,7'-dihydroxydispiro[oxirane-2,3'(2'*H*)-difuro[2,3-b,2',3'-e][1,4]-dioxin-7'(6'*H*),2''-oxirane]-2',6'-diylbis(methylene)]bis(3,4,4a,5,6,7,8,8a-octahydro-5,6,8a-trimethyl-, (4a*S*,4'a*S*,5*R*,5'*R*,6*R*,6'*R*,8*S*,8'a*S*)]- (87501-14-2)]

Antibiotic PS 3

See 1-Azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid, 3-[[2-(acetylamino)ethylthio]-6-(1-hydroxyethyl)-7-oxo- (74923-12-9)]

Antibiotic PS 5

See 1-Azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid, 3-[[2-(acetylamino)ethylthio]-6-ethyl-7-oxo-, (5*R*,6*R*)- (67007-79-8)]

Antibiotic PS 6

See 1-Azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid, 3-[[2-(acetylamino)ethylthio]-6-(1-methylethyl)-7-oxo-, (5*R*,6*R*)- (72615-19-1)]

Antibiotic PS 7

See 1-Azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid, 3-[[1*E*]-2-(acetylamino)ethylthio]-6-ethyl-7-oxo-, (5*R*,6*R*)- (72615-18-0)]

Antibiotic PS 8

See 1-Azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid, 3-[[2-(acetylamino)ethylthio]-6-(1-methylethyl)-7-oxo- (82837-65-8)]

Antibiotic PS 3A

See 1-Azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid, 3-[[2-(acetylamino)ethylthio]-6-(1*S*)-1-hydroxyethyl]-7-oxo-, (5*R*,6*R*)- (63582-78-5)]

Antibiotic PS 3B

See 1-Azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid, 3-[[2-(acetylamino)ethylthio]-6-(1*S*)-1-hydroxyethyl]-7-oxo-, (5*R*,6*S*)- (63599-16-6)]

Antibiotic PSX 1

See *Ethanone*, 1-(tetrahydro-5-hydroxy-4-methyl-3-furanyl)- (27098-03-9)]

Antibiotic R 75-1

See *Rifamycin*, 3-[[[(3-methyl-2(3*H*)-benzothiazolylidene)hydrazono]methyl]- (78768-62-4)]

Antibiotic R 578A

See 1-Naphthalenecarboxylic acid, 2-ethyl-1,2,3,4,11-hexahydro-2,5,7,10-tetrahydroxy-6,11-dioxo-4-[[2,3,6-trideoxy-3-(dimethylamino)- α -*L*-lyxo-hexopyranosyl]oxy]-, methyl ester, (1*R*,2*R*,4*R*)- (91050-37-2)]

Antibiotic resistance

See also related: Antibiotics

Antibiotic RH 5012C

See *D*-Streptamine, *O*-6-amino-6-deoxy-*L*-glycero-*D*-galacto-heptopyranosylidene-(1-2-3)-*O*- β -*D*-mannopyranosyl-(1-5)-2-deoxy-*N*⁹-methyl- (83378-70-5)]

Antibiotic RIT-D 2214

See 4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-[[[(2*S*)-2-amino-2-carboxyethylthio]acetyl]amino]-3,3-dimethyl-7-oxo-, (2*S*,5*R*,6*R*)- (56448-19-2)]

Antibiotic RIT-DL 2214

See 4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-[[[(2-amino-2-carboxyethylthio)acetyl]amino]-3,3-dimethyl-7-oxo-, (2*S*,5*R*,6*R*)- (56487-47-9)]

Antibiotic RIT-L 2214

See 4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-[[[(2*R*)-2-amino-2-carboxyethylthio]acetyl]amino]-3,3-dimethyl-7-oxo-, (2*S*,5*R*,6*R*)- (56448-18-1)]

Antibiotics

See also narrower: Tetracyclines

See also related:

Antibacterial agents
Antibiotic resistance
Antimicrobial agents
Antitumor agents
Disinfectants
Phytoalexins

Antibiotic S 520

See *Longicatenamycin* [55598-63-5]

Antibiotic 2355S

See 5-Oxa-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 7-[[[(1*Z*)-3-amino-2-fluoro-3-oxo-1-propenyl]thio]acetyl]amino]-3-[[[(1-2-hydroxyethyl)-1*H*-tetrazol-5-yl]thio]methyl]-7-methoxy-8-oxo-, monosodium salt, (6*R*,7*R*)- (91830-75-0)]

Antibiotic 446S3-1

See β -*D*-Allofuranuronamide, 1-deoxy-5-*O*-(4-deoxy-*N*-(3*R*)-hexahydro-2-oxo-1*H*-azepin-3-yl)- β -*L*-erythro-hex-4-enopyranuronamidoyl)-1-(3,4-dihydro-2,4-dioxo-1(2*H*)-pyrimidinyl)-3-*O*-methyl- (102770-00-3)]

Antibiotic S 87351

See *D*-Streptamine, *O*-3-deoxy-4-*C*-methyl-3-(methylamino)- β -*L*-arabinopyranosyl-(1-6)-*O*-(2,6-diamino-2,3,4,6,7-pentadeoxy- α -*D*-ribo-heptopyranosyl-(1-4))-2-deoxy-1-*C*-(hydroxymethyl)- (86363-54-4)]

Antibiotic S 11A

See *D*-myo-Inositol, *O*-2,6-diamino-2,6-dideoxy- α -*D*-glucopyranosyl-(1-4)-*O*-(β -*D*-xylofuranosyl-(1-5))-3-amino-2,3-dideoxy-

(75303-50-3)]

Antibiotic SA 4-3

See 5*H*-Pyrrolo[2,1-*c*][1,4]benzodiazepin-5-one, 1,2,3,10,11,11a-hexahydro-2-hydroxy-11-methoxy- (115793-07-2)]

Antibiotic S 15-1A

See 4*H*-Imidazo[4,5-*c*]pyridin-4-one, 2-[[4-*O*-(aminocarbonyl)-2-deoxy-2-[(3,6-diamino-1-oxohexyl)amino]- β -*D*-gulopyranosyl]amino]-1,3a,5,6,7,7a-hexahydro-7-hydroxy-, [3*aS*-(12*R**)3*a*,7*a*,7*a*b)]- (13808-42-2)]

Antibiotic S 541A

See *Milbemycin* B, 5-*O*-demethyl-28-deoxy-25-(1,3-dimethyl-1-butenyl)-6,28-epoxy-23-hydroxy-, [6*R*,23*S*,25*S*(*E*)]- (102130-84-7)]

Antibiotic S 11743A

See 2*H*-Pyran-2-acetic acid, tetrahydro-2-hydroxy-4-methoxy-6-[[1*S*]-1-[(2*R*,5*R*,7*S*,8*R*,9*S*)-9-hydroxy-2,8-dimethyl-2-[(2*S*,2'*R*,3'*S*,5'*R*,5'*R*)-tetrahydro-2,3'-dimethyl-5-[(2*S*,3*S*,5*R*,6*S*)-tetrahydro-6-hydroxy-3,5,6-trimethyl-2*H*-pyran-2-yl]]2,2'-bifuran]- α ,3,5-trimethyl-, (α *S*,2*R*,3*R*,4*S*,5*R*,6*S*)]- (62618-08-0)]

Antibiotic S 14750A

See 2*H*-Pyran-2-acetic acid, 6-[(2*R*,3*S*)-3-[(2*R*,5*S*,6*R*)-6-[(2*R*,3*S*,5*R*,6*R*)-6-[(*S*)-1-(2*S*,2'*R*,3'*R*,5*S*,5'*S*)-5'-[(2*R*,5*R*,6*S*)-6-ethyltetrahydro-6-hydroxy-5-methyl-2*H*-pyran-2-yl]]octahydro-2'-hydroxy-2,3,5'-trimethyl[2,2'-bifuran]-5-yl]-hydroxymethyltetrahydro-6-hydroxy-3,5-dimethyl-2*H*-pyran-2-yl]methyl]tetrahydro-6-hydroxy-5-methyl-2*H*-pyran-2-yl]-2-hydroxybutyltetrahydro- α ,3,5-trimethyl-, (α *R*,2*S*,3*S*,5*R*,6*S*)]- (57760-36-8)]

Antibiotic S 54832A-1

See 4-Thiazolocarboxamide, *N*-[[1-(aminocarbonyl)ethyl]-2-49-(4-deoxy-2,3-di-*O*-methyl- α -*L*-arabino-hexopyranosyl)oxy]-14-ethylidene-9,10,11,12,13,14,19,20,21,22,29,30,32,33-tetradecahydro-3,29-dihydroxy-11-(1-hydroxyethyl)-9,12,19,30,40,48-hexa-22,25-ethanoxymethano-8,5,18,15,37,34-trinitrilo-21,33-(2,4)-endo-thiazolomethanimino-5*H*,15*H*,24*H*,34*H*-pyridol[3',2':20,21,12,8,18,24,4,11,14]dioxatritriatiazacyclodotriacontin[30,31-b]indol-2-yl]- (94588-48-4)]

Antibiotic S 15-1B

See 4*H*-Imidazo[4,5-*c*]pyridin-4-one, 2-[[4-*O*-(aminocarbonyl)-2-[(3*S*)-3-amino-6-[(3*S*)-3,6-diamino-1-oxohexyl]amino]-1-oxohexyl]amino]-2-deoxy- β -*D*-gulopyranosyl]amino]-1,3a,5,6,7,7a-hexahydro-7-hydroxy-, [3*aS*,7*R*,7*aS*)]- (3776-38-3)]

Antibiotic S 541B

See *Milbemycin* B, 28-deoxy-6,28-epoxy-23-hydroxy-25-(1*E*)-1-methyl-1-propenyl]-, (6*R*,23*S*,25*S*)- (102042-18-2)]

Antibiotic SB 22484-1

See 2*H*-Pyran-2-acetamide, *N*-[(2*E*,4*E*,6*S*,7*R*)-7-(2*S*,3*S*,4*R*,5*R*)-5-(1*E*,3*E*,5*E*)-7-(1,2-dihydro-4-hydroxy-2-oxo-3-pyridinyl)-6-methyl-7-oxo-1,3,5-heptatrienyl]tetrahydro-3,4-dihydroxy-2-furanyl]-6-methoxy-5-methyl-2,4-octadienyltetrahydro-2,4-dihydroxy- α ,5-dimethyl-6-(1,3-pentadienyl)-, (α *S*,2*S*,5*S*,6*S*)- (97328-78-4)]

Antibiotic SB 22484-2

See 2*H*-Pyran-2-acetamide, *N*-[(2*E*,4*E*,6*S*,7*R*)-7-(2*S*,3*S*,4*R*,5*R*)-5-(1*E*,3*E*,5*E*)-7-(1,2-dihydro-4-hydroxy-2-oxo-3-pyridinyl)-6-methyl-7-oxo-1,3,5-heptatrienyl]tetrahydro-3,4-dihydroxy-2-furanyl]-6-methoxy-5-methyl-2,4-octadienyl]- α -ethyltetrahydro-2,4-dihydroxy-5-methyl-6-(1,3-pentadienyl)-, (α *S*,2*S*,5*S*,6*S*)- (97328-79-5)]

Antibiotic SB 22484-3

See 2*H*-Pyran-2-acetamide, *N*-[(2*E*,4*E*,6*S*,7*R*)-7-(2*S*,3*S*,4*R*,5*R*)-5-(1*E*,3*E*,5*E*)-7-(1,2-dihydro-4-hydroxy-2-oxo-3-pyridinyl)-6-methyl-7-oxo-1,3,5-heptatrienyl]tetrahydro-3,4-dihydroxy-2-furanyl]-6-methoxy-5-methyl-2,4-octadienyltetrahydro-2,4-dihydroxy- α ,5-dimethyl-6-(1,3-pentadienyl)-, (α *S*,2*S*,5*S*,6*S*)- (97328-80-8)]

Antibiotic SB 22484-4

See 2*H*-Pyran-2-acetamide, *N*-[7-[5-(7-(1,2-dihydro-4-hydroxy-2-oxo-3-pyridinyl)-6-methyl-7-oxo-1,3,5-heptatrienyl]tetrahydro-3,4-dihydroxy-2-furanyl)-6-methoxy-5-methyl-2,4-octadienyl]- α -ethyltetrahydro-2,4-dihydroxy-5-methyl-6-(1,3-pentadienyl)-, (2*S*,2*S*[(2*E*,4*E*,6*S*,7*R*)(2*S*,3*S*,4*R*,5*R*)]], 4*S*,6*S*[(1*E*,3*E*)]-partial]- (97328-81-9)]

Antibiotic S 541C

See *Milbemycin* B, 5-*O*-demethyl-28-deoxy-6,28-epoxy-23-hydroxy-25-(1*E*)-1-methyl-1-propenyl]-, (6*R*,23*S*,25*S*)- (102042-08-0)]

Antibiotic S 3907C3

See 5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 7-[[[(6*R*)-5-amino-5-carboxy-1-oxopentyl]amino]-3-[[[(3,4-bis(sulfoxy)phenyl)-2-methoxy-1-oxo-2-propenyl]oxy]methyl]-7-methoxy-8-oxo-, (6*R*,7*S*)- (78982-43-1)]

Antibiotic S 3907C4B

See 5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 7-[[[(6*R*)-5-amino-5-carboxy-1-oxopentyl]amino]-3-[[[(3-4-hydroxy-3-(sulfoxy)phenyl)-2-methoxy-1-oxo-2-propenyl]oxy]methyl]-7-methoxy-8-oxo-, (6*R*,7*S*)- (78982-44-2)]

Antibiotic S 541D

See *Milbemycin* B, 5-*O*-demethyl-28-deoxy-6,28-epoxy-23-hydroxy-25-(1*E*)-1-methyl-1-butenyl]-, (6*R*,23*S*,25*S*)- (102042-16-0)]

Antibiotic S 541E

See *Milbemycin* B, 28-deoxy-6,28-epoxy-23-hydroxy-25-(1-methyl-1-butenyl)-, (6*R*,23*S*,25*S*)- (103954-49-0)]

Antibiotic SEN 34

See 2,3,4(1*H*)-Pyridinetriene, 6-hydroxy-5-methoxy-1-methyl- (70158-18-8)]

Antibiotic S 541F

See *Milbemycin* B, 28-deoxy-25-(1*E*)-1,3-dimethyl-1-butenyl]-6,28-epoxy-23-hydroxy-, (6*R*,23*S*,25*S*)- (102042-12-6)]

Antibiotic SF 733

See *D*-Streptamine, *O*-2,6-diamino-2,6-dideoxy- α -*D*-glucopyranosyl-(1-4)-*O*-(β -*D*-ribofuranosyl-(1-5))-2-deoxy- (25546-65-0)]

Antibiotic SF 837

See *Leucomycin* V, 3,4 β -dipropionate [35457-80-8)]

Antibiotic SF 1293

See *L*-Alanine, (2*S*)-2-amino-4-(hydroxymethylphosphinyl)butanoyl-*L*-alaninyl- [35597-43-4)]

Antibiotic SF 1623

See 5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 7-[[[(5*R*)-5-amino-5-carboxy-1-oxopentyl]amino]-7-methoxy-8-oxo-3-[[sulfoliethio]methyl]-, (6*R*,7*S*)- (56487-86-6)]

Antibiotic SF 1768

See 2-Cyclopenten-1-one, 5-[(acetoxy)methyl]-4,5-dihydroxy-, (4*S*,5*S*)- (56986-32-4)]

Antibiotic SF 1836

See 2-Azabicyclo[2.1.0]pentane-3-carboxylic acid, (1*R*,3*S*,4*S*)- (68517-49-7)]

Antibiotic SF 1917

See 1*H*-Pyrrolo[2,3-*d*]pyrimidine-5-carbonitrile, 2-[[6-deoxy-4-*O*-(4-*O*-methyl- β -*D*-glucopyranosyl)- α -*D*-glucopyranosyl]amino]-4-methoxy- (67298-15-1)]

Antibiotic SF 1993

See *D*-Glucose, 2-[[[aminocarbonyl]amino]-2-deoxy- (71868-25-2)]

Antibiotic SF 2052

See *L*-chiro-Inositol, 4-amino-1,4-dideoxy-3-*O*-(2,6-diamino-2,3,4,6,7-pentadeoxy- β -*L*-lyxo-heptopyranosyl)-1-[[[(aminomethyl)amino]acetyl]methylamino]-6-*O*-methyl- (73196-97-1)]

Antibiotic SF 2132

See *L*-Serine, 3-amino-2-[[[3-amino-5-[[[aminoinminomethyl]amino]-1-oxopentyl]amino]butanoyl-2,3,4,5-tetrahydro-3-pyridazinecarbonyl]-*L*-leucyl-4-[[[aminocarbonyl]oxy]-2,3-dihydrovaleryl]- (87003-23-4)]

Antibiotic SF 2312

See Phosphonic acid, (1,5-dihydroxy-2-oxo-3-pyrrolidinyl)- (107729-45-3)]

Antibiotic SF 2330

See 4*H*-Anthra[1,2-*b*]pyran-4,7,12-trione, 2-[[2,2'-bioxiran]-2-yl]-11-hydroxy-5-methyl- (103947-06-4)]

Antibiotic SF 2339

See Valinamide, valyl-*N*-(1,2-dicarboxy-2-hydroxyethyl)- (103528-06-9)]

Antibiotic SF 2370

(+)- — see 9,12-Epoxy-1*H*-diindolo[1,2,3-*fg*':2',1'-*kl*]pyrrolo[3,4-*ij*][1,6]benzodiazocine-10-carboxylic acid, 2,3,9,10,11,12-hexahydro-10-hydroxy-9-methyl-1-oxo-, methyl ester, (9*S*,10*R*,12*R*)- (99533-80-9)]

Antibiotic SF 2418

See 9,10-Phenanthrenedione, 1,8-dihydroxy-2-methyl-3-(1-oxobutyl)- (100843-91-2)]

Antibiotic SF 2441

See 2,6-Piperidinedione, 4-[(2*R*)-2-[(1*S*,3*S*,5*R*)-5-(acetoxy)-3,5-dimethyl-2-oxocyclohexyl]-2-hydroxyethyl]- (12885-39-4)]

Antibiotic SF 2457

See Benzamide, 4-[[[(2*R*)-2-amino-1-oxopropyl]amino]-*N*-(1-[[2,6-dideoxy-4-*O*-(4,6-dideoxy-4-(methylamino)- α -*D*-glucopyranosyl)-2,3,6-d-arabino-hexopyranosyl]-1,2-dihydro-2-oxo-4-pyrimidinyl]- (115748-04-4)]

Antibiotic SF 2487

See 2,4(3*H*,5*H*)-Furandione, 3-[(2*S*)-[(1*R*,2*R*,3*R*,4*R*,6*R*)-3-hydroxy-2-(hydroxymethyl)-6-(1*E*)-3-hydroxy-2-[(2*R*,5*S*,6*S*)-tetrahydro-5-methyl-6-(1*E*)-1-methyl-3-[(2*S*,2'<